



DØ Operations Status

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All Experimenters' Meeting
11 August 2008



- Monday 4 August (79%)
 - 54 minute downtime initiated by a muon PDT missing input
 - Operator error contribution and trouble getting re-started too
 - 24 minutes downtime to address failure of a Level 1 Central Track Trigger forward preshower card
 - Access to recover PDT247, replace Cal preamp daughter card, and stage dry air purge pump
- Tuesday 5 August (76%)
 - High trigger rates at beginning of store 6338 due to failed Level 1 muon octant on north end
 - Localized noise during store 6338 compromises calorimeter data
 - 3.6 pb^{-1} delivered during store 6338
 - Datalogger crashes, 30 minutes to recover
 - Access for Level 1 Central Track Trigger
 - 50 minutes downtime due to disabling of PDT 023



- Wednesday 6 August (91%)
 - Access to replace Level 1 muon card to recover trigger for a north octant
- Thursday 7 August (92%)
 - 10 minutes downtime due to problem with L3 cluster node (just before start of store) and SMT ramping at beginning of store
 - 5 minute downtime to reset Level 2 Cal
 - Updated HV for luminosity counters
 - Lost air cooling for Central Fiber Tracker readout just prior to next store
 - Thanks to AD for holding off shot setup, and allowing last minute access
 - Replaced AFE fan interlock box
 - Thanks to AD for prompt access, facilitating CFT operation
- Friday 8 August (93%)
 - Silicon Track Trigger crate rebooted
- Saturday 9 August (92%)
 - Calorimeter BLS power supply tripped several times
 - Access to replace BLS supply
 - Needed to replace a second supply which tripped on water drip during replacement of the initially unstable supply
 - Thanks to AD for prompt access, facilitating reliable operation of the calorimeter
- Sunday 10 August (96%)



Data Taking

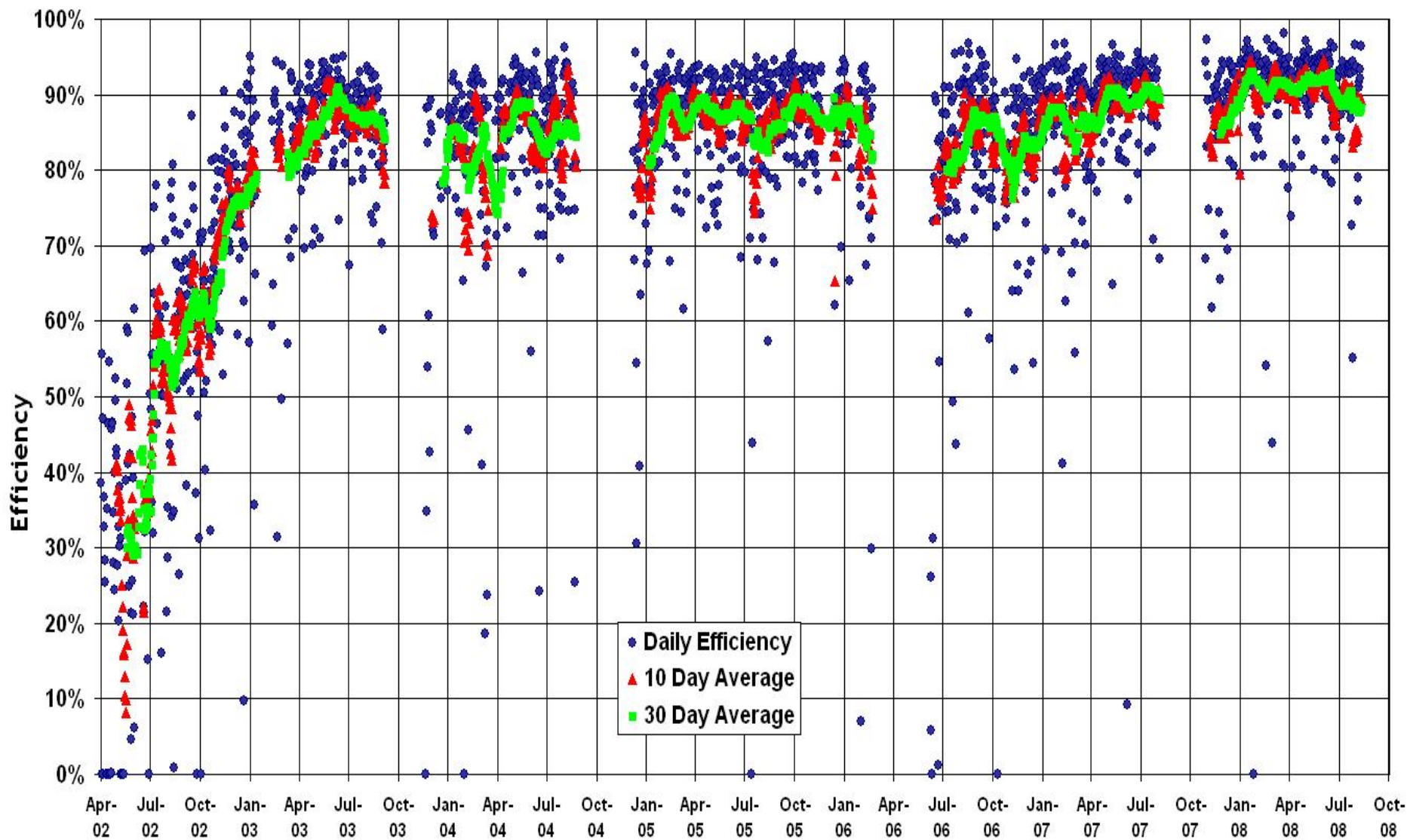


	Lum (pb-1)	Lum (pb-1)	(%)	
04 Aug	3.24	2.56	79	53 minute downtime initiated by muon PDT readout problem 25 minutes due to L1CTT issue
05 Aug	5.86	4.45	76	Calorimeter data compromised for store 6338 Hot towers result in data logger crash (30 minute downtime) 50 minutes to disable a failed Muon PDT
06 Aug	4.87	4.43	91	
07 Aug	9.36	8.58	92	Access to recover CFT readout cooling
08 Aug	9.00	8.40	93	
09 Aug	7.87	7.25	92	Access to stabilize Calorimeter BLS power
10 Aug	4.74	4.57	96	
4 Aug - 10 Aug	44.9	40.2	90	



Daily Data Taking Efficiency

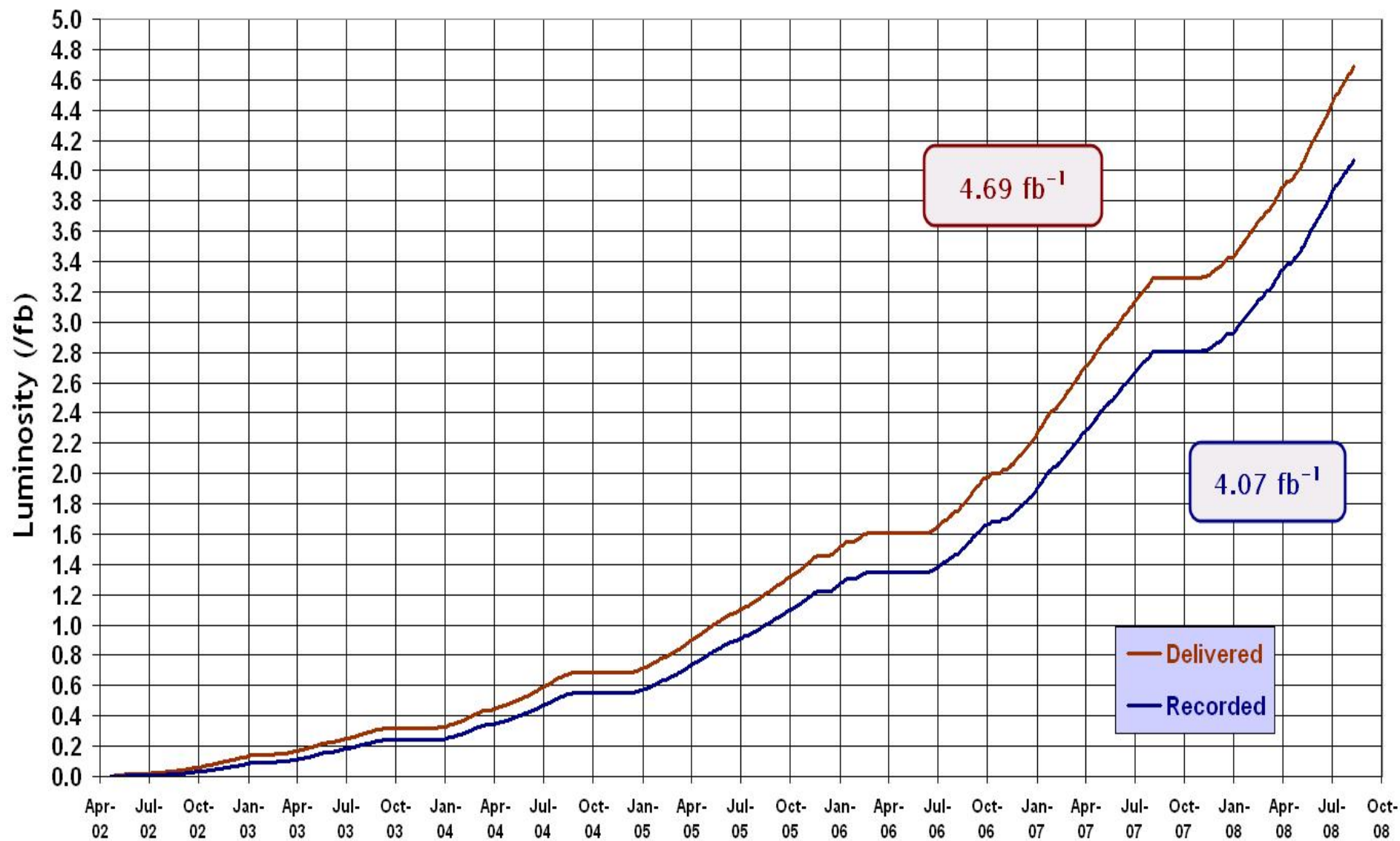
April 2002 - 10 August 2008





Run II Integrated Luminosity

19 April 2002 - 10 August 2008



11 August 2008

AEM - George Ginther